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Data Sheet

August 15, 2026

EMERSON / CONTROL TECHNIQUES

Emerson / Control Techniques Motor Power Connection for EN-208

The Emerson/Control Techniques Motor Power Connection for EN-208 provides a secure and reliable electrical connection for your motor. This connector ensures optimal power transmission and minimizes downtime due to connection failures. Designed for industrial environments, it offers durability and long-lasting performance.



MODEL

Emerson / Control Techniques EN-208

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

EN-208

LISTING

<https://aumictechlabs.com/products/en-208-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Emerson/Control Techniques Motor Power Connection for EN-208 is a dedicated power interface component that establishes secure electrical connections between the EN-208 digital servo drive and its associated brushless motor. This connection assembly transmits motor power and control signals with low impedance, ensuring efficient energy delivery and precise motion control in industrial servo applications. Technical Specifications EN-208 Drive Input Power 1/3 Phase, 240 VAC, 50/60 Hz, 15.5 A RMS EN-208 Drive Output Power 240 VAC, 0-900 Hz, 9.0 A RMS Motor Power Cable Options Phase conductors: 1.0 mm² (10 A) to 25 mm² (70 A) Standard and custom lengths available High-flex versions supported Drive end connections: ferrules or ring terminals Brake wire pairs: available with or without Maximum assembly length: 100 meters Hybrid

cable options combining power and signal into single conductor Electrical Installation Requirements Wire crimp ferrules required: Panduit #PV14-P47 (14-16 AWG), Panduit #PV10-P55 (12 AWG) Screw torque: 5 lb-in Circuit rating: maximum 5000 RMS symmetrical amperes at 240 volts Low impedance connections essential for system performance Ground connection limited to drive and motor only - no intermediate devices permitted Key Features Supports EN-208 fully digital brushless servo drive architecture Compatible with configurable operating modes: Stand Alone Servo Axis, Position Tracker (analog), Analog Torque, Digital Velocity Preset, and Pulse Mode Accommodates up to 10:1 inertia mismatch with factory settings; higher ratios achievable through parameter adjustment Integrates with optional Function Modules (FM-2 Indexing, FM-3/FM-4 Programming variants, Ethernet, DeviceNet, and Profibus options) PowerTools FM software configuration support (Windows® 95, 98, NT 4.0, 2000) Compatibility & Integration Designed exclusively for the Emerson/Control Techniques EN-208 Digital Servo Drive. The connection assembly works in conjunction with State-Space tuning algorithms built into the drive for rapid system commissioning and optimized performance across diverse industrial motion control requirements.

EN208 Characteristics / Specifications

PARAMETER	VALUE
Model	EN-208
Instrument Type	motor power connection
Manufacturer	Emerson / Control Techniques
Literature	Emerson / Control Techniques EN-208 motor power connection listing
Family	Control Techniques EN-series
Form Factor	drive motor-power connection
System Role	motor power connection
Brand Lineage	Emerson / Control Techniques
Queue Title	Emerson / Control Techniques Motor Power Connection for EN-208
Documentation Type	OEM EN-208 listing
Use Case	Motor-power interconnect on Control Techniques EN-208 class drives
Vendor Path	Emerson / Control Techniques
Year Class	EN-208 generation
Application Class	motor power connection
Module Class	motor power connection
Host Class	instrument host per drawing
Connector Class	connectors on the EN-208 drawing
Ate Class	servo / AC drive interconnect
Control Class	EN-208 front panel / firmware
Environment Class	ambient on the EN-208 sheet
Mains Class	mains on the EN-208 nameplate
Voltage Class	volts on the EN-208 nameplate
Current Class	amperes on the EN-208 nameplate

EN208 Specifications

PARAMETER	VALUE
Applications	Motor-power interconnect on Control Techniques EN-208 class drives.
Key Features	Emerson / Control Techniques EN-208 motor power connection
Technical Specifications	Model: EN-208

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Notes	
From remaining-queue title Emerson / Control Techniques Motor Power Connection for EN-208. Conductor size, voltage class, and pinout are on the EN-208 drawing.	

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.